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10/537213

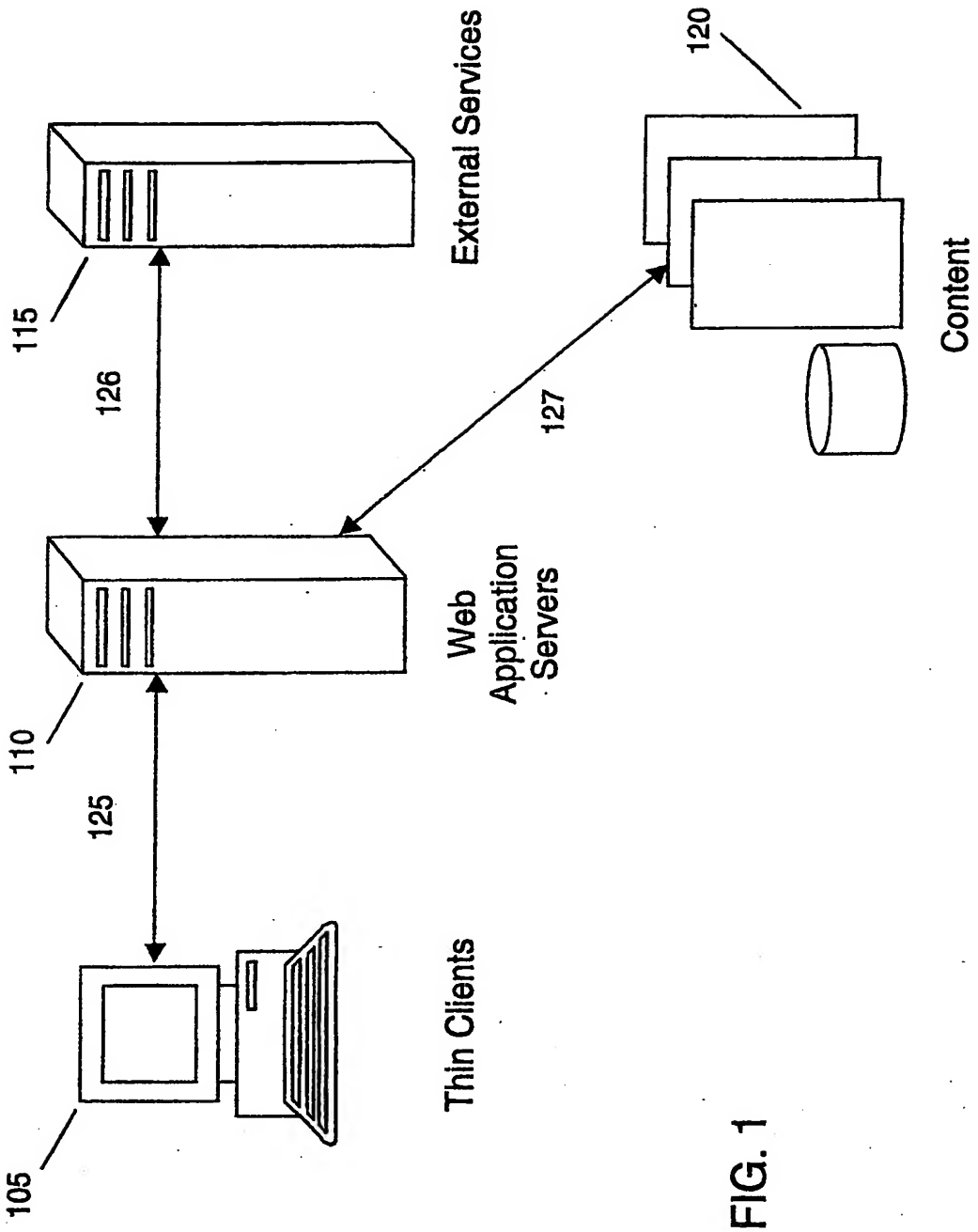

FIG. 1

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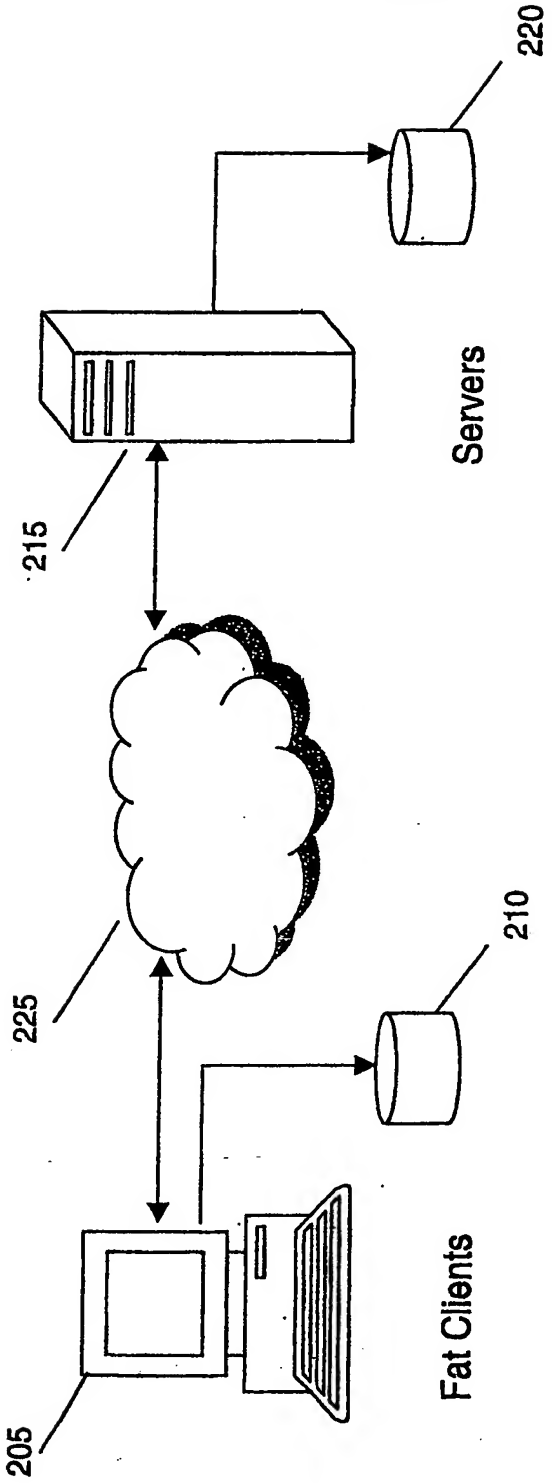

FIG. 2

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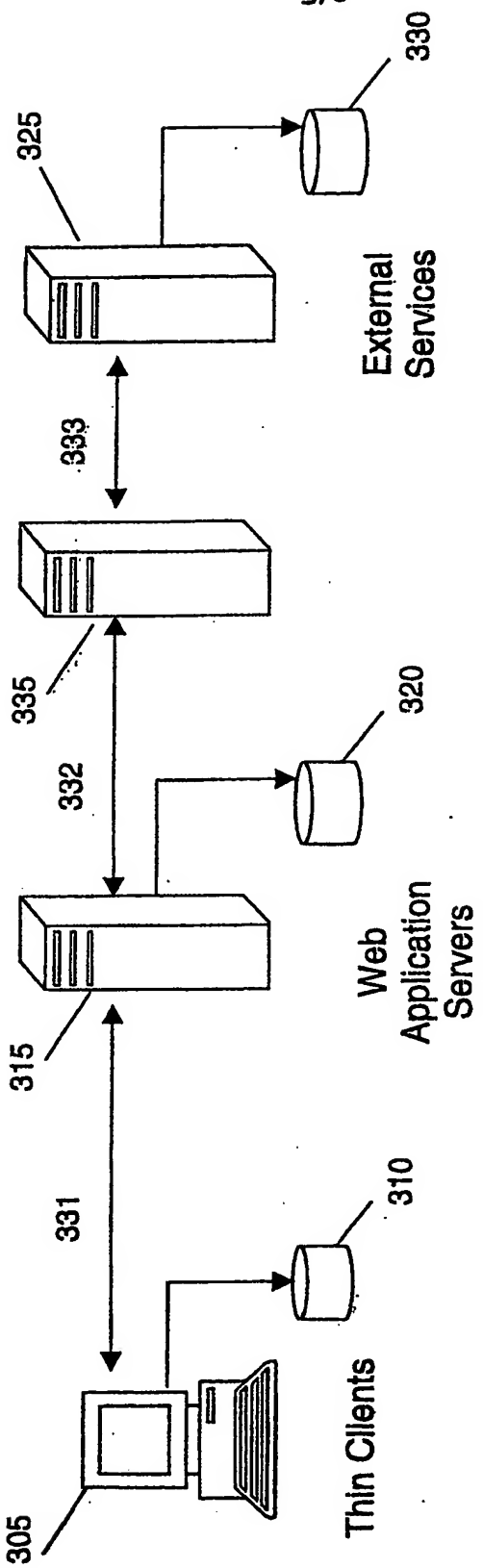

FIG. 3

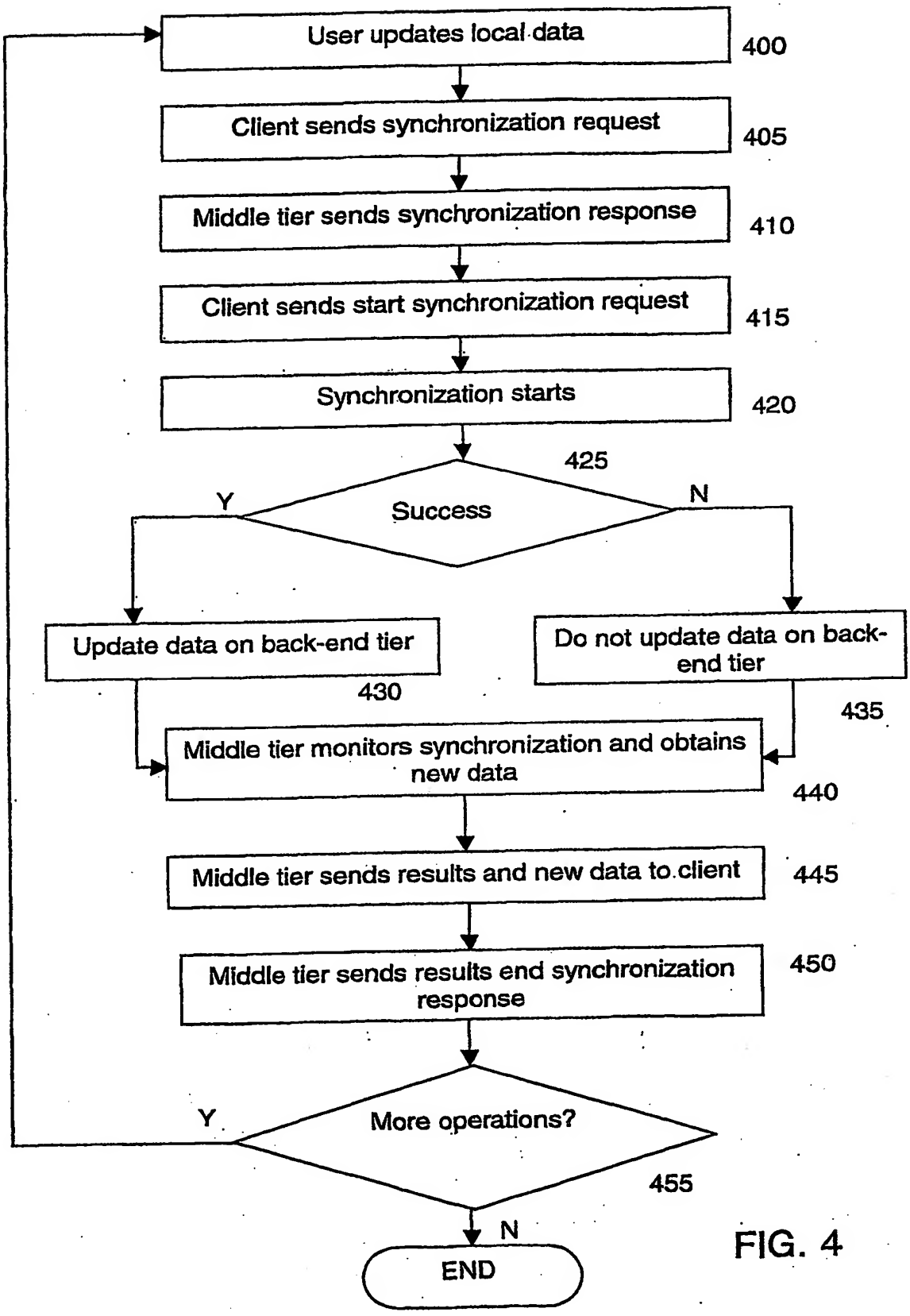
User updates local data
400
Client sends synchronization request
405
Middle tier sends synchronization response
410
Client sends start synchronization request
415
Synchronization starts
420
425
Success
Y
N
Update data on back-end tier
430
Do not update data on back-end tier
435
Middle tier monitors synchronization and obtains new data
440
Middle tier sends results and new data to client
445
Middle tier sends results end synchronization response
450
More operations?
Y
455
N
END

FIG. 4

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FIG. 5

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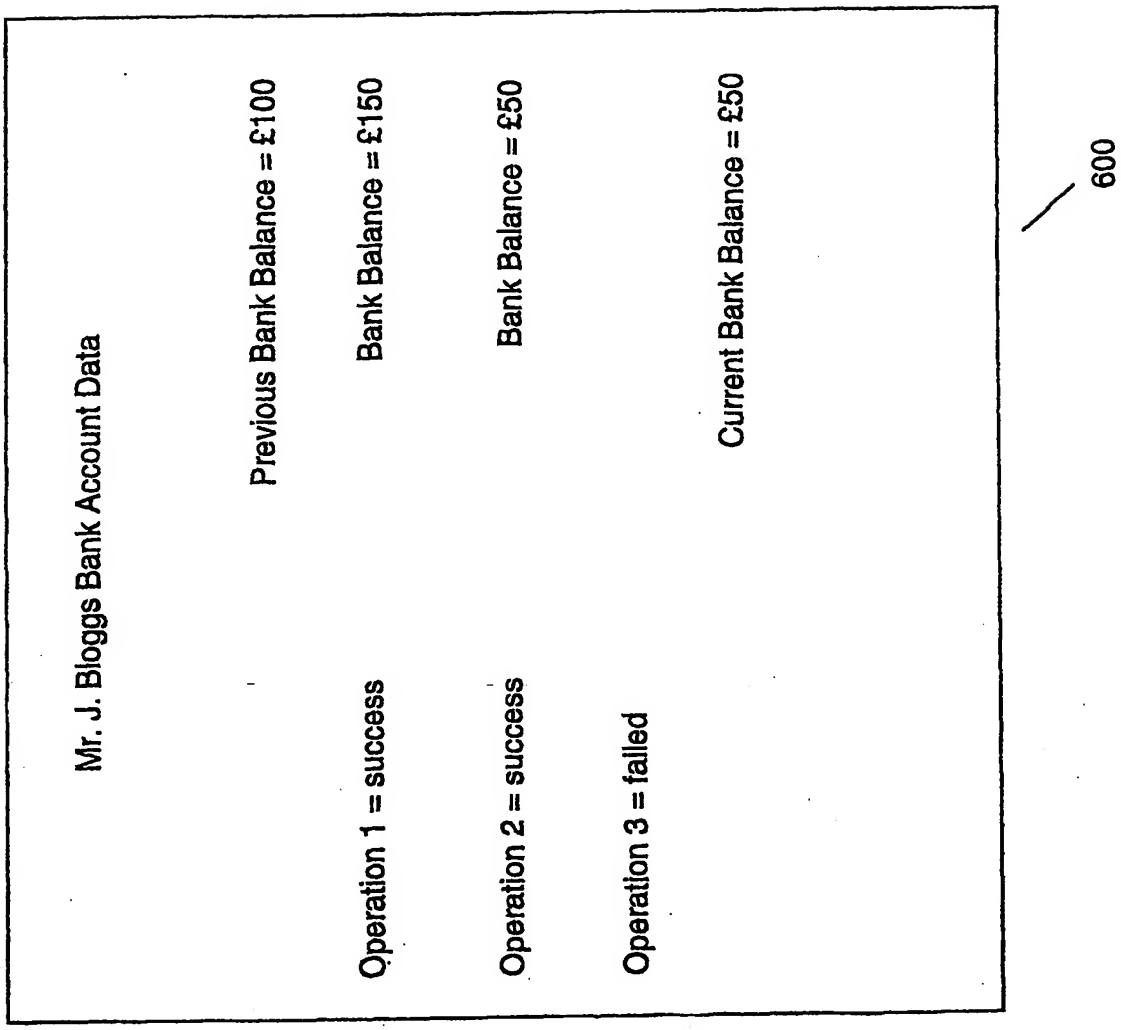
FIG. 6